C:\19176_P1\dwg\Temp Plans-PH2\GRADING-PH2.dwg, GR16, 6/16/2006 9:19:45 AM, CutePDF Writer

CONSTRUCTION NOTES

1. 30" ROLL CURB AND GUTTER PER DETAIL NO. 217A ON SHEET D14
2. 24" VERTICAL CURB AND GUTTER PER M.A.G. STD. DETAIL NO. 220 (TYPE A)
3. 5' CURB TRANSITION PER DETAIL ON SHEET D14
4. CONCRETE SIDEWALK PER M.A.G. STANDARD DETAIL NO. 230
5. VALLEY GUTTER PER M.A.G. STANDARD DETAIL NO. 240
6. DROP CURB PER DETAIL ON SHEET D14
7. SIDEWALK SCUPPER PER M.A.G. STANDARD DETAIL NO. 303
8. 24" RIBBON CURB PER M.A.G. STD. DETAIL NO. 220 (TYPE B)
9. TYPE A SWALE CURB PER M.A.G. STD. DETAIL NO. 222

NOTE: ALL NOTES NOT USED ON ALL SHEETS

BABB OF BEARINGS

NORTH 00°13'38" EAST — THE WEST LINE OF THE NORTHWEST QUARTER OF SECTION 1, TOWNSHIP 21 NORTH, RANGE 19 WEST OF THE GILA AND SALT RIVER MERIDIAN, MOHAVE COUNTY, ARIZONA, AS DETERMINED BY THE ARIZONA COORDINATE SYSTEM OF 1983 (ADJUSTMENT OF 1992, WEST ZONE) AND MONUMENTED BY HIGH-PRECISION GPS OPUS UTILIZING FAST STATIC OBSERVATIONS

M.C.S.D. "3D 32" = LATITUDE 35°07'22.2503"N, (NAD '83)
LONGITUDE 114°09'21.5724"W (NAD '83)
HEIGHT 2592.463ft(m) (NAVD'88)

STONE 1/4 COR 3/4 = LATITUDE 35°09'55.5338"N, (NAD '83)
LONGITUDE 114°10'01.7228"W (NAD '83)
HEIGHT 2498.82ft(m) (NAVD'88)

BENCHMARK

BENCHMARK # "3D 34" M.C.S.D.
ELEVATION= 2590.24FT (NAVD '88)

DESCRIPTION: ALUM CAP 2" DIA. SET IN CONC. BS FT. NORTHEAST OF THE SOUTH 1/4 CORNER OF SEC. 35, T. 21 N., R.19 W., AND THE MARICOPA/MOHAVE COUNTY LINE, APPROX. 0.4 MILES NORTHEAST OF SHINARUMP DR. AND HOPI RD., STAMPED "3D 34 1999 R.S. 1034.1"

GEOTECHNICAL NOTE

ALL CONSTRUCTION SHALL CONFORM WITH THE RECOMMENDATIONS CONTAINED IN THE REPORT BY: AMERICAN SOILS ENGINEERING, LLC
DATED: NOVEMBER 30, 2005
PROJECT No.: 1068R-GEO

FEMA FLOOD ZONE

FEMA MAP PANEL NO. 0004C
MAP NUMBER: PANEL NO. 0004C 2435C

A PORTION OF PHASE B OF AREA 1 LIES WITHIN AN AREA DESIGNATED AS A SPECIAL FLOOD HAZARD AREA (SFHA) ZONE "AO" AND "X" PER FIRM PANEL 0004C DATED 9/27/2006. THE REMAINDER OF PHASE B IS DESIGNATED AS ZONE "X" WHICH IS OUTSIDE THE AREA OF THE 100 YEAR STORM. SEE GRADING PLANS FOR BOUNDARY LOCATIONS.

NOTE

ADD 0.2' TO ALL ELEVATIONS LESS THAN 500' ON AREA 1 GRADING PLANS TO GET ACTUAL ELEVATION.

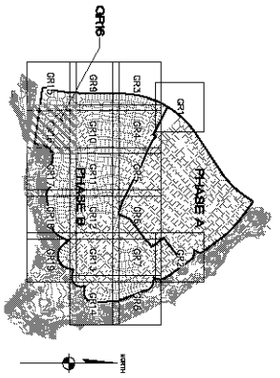
LEGEND

- DRIVEWAY
- HIGH POINT SWALE DIRECTION
- EXISTING GRADE
- FUTURE GRADE
- TOP OF RET. WALL/TOP OF FOOTING
- PAD HIGH POINT ELEVATION
- FLOWLINE ELEVATION
- GEOTEXTURE FINISHED GRADE ELEVATION
- TOP OF CURB ELEVATION
- FINISHED GRADE ELEVATION
- RATE & DIRECTION OF SLOPE
- TOP OF CURB STATIONING
- RETAINING WALL
- PERIMETER BLOCK WALL
- PROPERTY LINE
- GRADE BREAK
- EASEMENT LINE
- GUTTER LINE
- EXISTING LINE
- FUTURE LINE
- SUBDIVISION/UNIT BOUNDARY
- SCARP
- FINISHED FLOOR ELEVATION
- PAD ELEVATION
- EXISTING CONTOUR
- LOT NUMBER
- SWALE
- SUBDIVISION/UNIT BOUNDARY
- 3.5' TRANSITION ("L" CURB TO "ALL" CURB)
- CURB, GUTTER, AND SIDEWALK
- S/W RAMP
- DRAINAGE EASEMENT
- PUBLIC ACCESS EASEMENT
- PUBLIC UTILITY EASEMENT
- STORM DRAIN PIPE
- STORM DRAIN INLET
- STORM DRAIN MANHOLE

GRAPHIC SCALE
(IN FEET)
1 inch = 40 ft.

NORTH

KEYMAP
N.T.S.



DISCLAIMER NOTE

UTILITY LOCATIONS SHOWN ON THESE PLANS ARE APPROXIMATE ONLY. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE THE HORIZONTAL AND VERTICAL LOCATION OF ALL EXISTING UTILITIES PRIOR TO BEGINNING CONSTRUCTION. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR UTILITIES NOT SHOWN OR IN THEIR PROPER LOCATION.

Arizona Blue Stake, Inc. — Call before you Dig — 1-800-782-5348 (Outside Maricopa County)
Arizona Blue Stake, Inc. — Call before you Dig — 602-263-1100 (Maricopa County)
Underground Service Alert — Call before you Dig — 1-800-227-2600 (Southern California)
Dig Alert — Call before you Dig — 1-800-642-2444 (Northern California)
Nevada One Call — Call before you Dig — 1-800-227-2600 (Nevada)
New Mexico One Call — Call before you Dig — 1-800-321-2537 (New Mexico)
Utah Blue Stake, Inc. — Call before you Dig — 1-800-662-4111 (Utah)
Colorado One Call — Call before you Dig — 1-800-922-1987 (Colorado)
Overhead — Call before you Dig — 1-928-753-5581

PRELIMINARY ISSUE FOR REVIEW
NOT FOR CONSTRUCTION 4-12-06

RHODES HOMES ARIZONA, LLC
GOLDEN VALLEY RANCH

AREA 1 - PHASE B
GRADING PLAN 16

MOHAVE COUNTY ARIZONA

SHEET GR16
28 OF 105 SHEETS
SCI PROJECT # 19176

Stanley Consultants INC.
5820 S. Eastern Avenue, Suite 200
Las Vegas, Nevada 89119
(702) 369-6396 Fax (702) 369-9793
www.stanleygroup.com

SCALE (H)	1" = 40'
SCALE (V)	NONE
DRAWN BY	CD/RM
CHECKED BY	SH/DB
DATE	4-12-06

REV. NO.	DESCRIPTION	DRAWN BY	APPROVAL	DATE

Registered Professional Engineer — Certificate No. 19476 — STEVEN A. HAKEL — ARIZONA U.S.A.